

**Salem Environmental, Inc./  
Certifoam Services, Inc.  
P.O. Box 5535  
Winston-Salem, NC 27113-5535  
800/862-9231 // 910/661-9231  
910/661-9241 (Fax)**

RECEIVED  
N.C. Dept. of EHNR

JAN 10 1996

Winston-Salem  
Regional Office

January 7th, 1996

Ms Sabra Elder  
NC-DEHNR/DEM  
Groundwater Section  
585 Waughtown St.  
Winston-Salem, NC 27107-2241

Re: Pep-Co Service Station, US Hwy 29 Bus. @ Oregon Hill Rd., Reidsville, Rockingham Co.

Dear Ms Elder:

Per your letter of November 15th we can offer the additional supporting data as follows:

1. At the time of closure, it was found that the product lines had been removed at an earlier date (mid-1980's). We have approximated where they would have run and collected a soil sample along that area. Also, several other borings were advanced to find if a release was present along the line area.

2. The base map has been revised to show the approximate line location(s). Boring & sample locations are marked.

Disposable latex gloves were worn during sample collection to prevent cross-contamination. Soil was packed tightly into the glass jars supplied by the lab, which had teflon seal, screw caps. Temperature was maintained under 40 degrees by ice chest with a solid block coolant and refrigeration throughout our hold time. Decontamination of the hand auger was per tap water/phosphate-free soap wash followed by a methanol rinse and drying period. Care was taken to avoid disturbing the soil excessively.

Depth of collection was 3 feet for all three samples sent to the lab. Soil was screened for volatiles with a Gastech Model 1238 Organic Vapor Analyzer (OVA). The process involves placing soil into a ziplock type bag (about 1/4 to 1/3rd its volume), sealing the bag and allowing 10 to 15 minutes for the soil gasses to equilibrate. Then, the probe from the OVA is inserted into the bag. The subsequent reading, expressed in parts per million of total organics, can suggest if hydrocarbon contamination is present, especially when coupled with a petroleum odor of any kind.

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January 7th, 1996

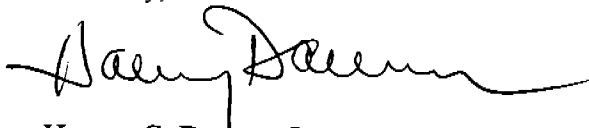
Pep-Co/Ed Daniel, cont.

Soil was an orange silt clay under a thin silt topsoil layer. OVA counts were all under 10 ppm (parts per million) total organics at all borings; no notable discoloration or odors were encountered.

Analyses were performed by Bioremediation Research, Inc., of Pinnacle, N.C., which operates under N.C. License #480. As the system supplied gasoline, EPA 5030-8015 Modified Method analysis was run on the soil. Field ID's are cross referenced with the lab ID's on the results, which are enclosed. The chain of sample custody is also furnished. All three TPH concentrations were under the detectable limit of 10 ppm.

We, the undersigned, attest that our work was carried out with full respect to regulatory guidance and, where such guidance was not applicable, standard industry procedures. The data received from the independent lab is assumed to be accurately delineated and transposed. Should we find otherwise, we reserve the right to alter this report as necessary. The assessment applies to the time and place of sampling only; no other expressed or implied warranty is offered. This report is the exclusive property of Mr Ed Daniel, and it will not be released without prior approval.

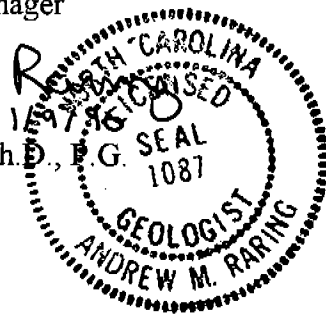
Sincerely,



Harvey C. Danner, Jr.  
President/Project Manager



Andrew M. Raring, Ph.D., P.G.  
Senior Geologist



eddanill.doc

cc: Mr Ed Daniel



USTs INVENTORY

- #1 84' x 17.5' gasoline
- #2 126' x 16' gasoline
- #3 48' x 11' gasoline
- #4 48' x 11' gasoline

SOUTHERN Serves the South

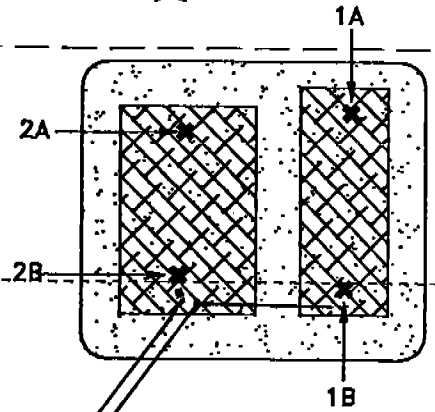


STEEP SLOPE

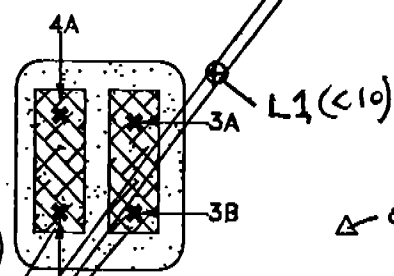


grass

ED DANIEL'S STORE



↑ OVA (nil)



Δ OVA (nil)

Δ OVA (<10)

OVA (<10)  
(<10)

L2 (<10)

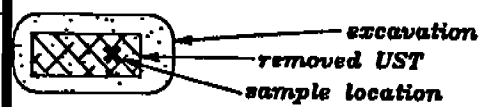


↑ OVA (<5) gravel

Business US 29

Oregon Hill Road

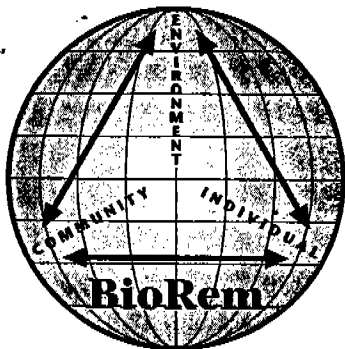
FIGURE 2-SITE MAP: ED DANIEL'S  
bus HWY 29, Reidsville, Rockingham County



SCALE: 1" = 15'

SALEM/CERTIFOAM, Inc.

AUGUST, 1995



## BIOREMEDIATION RESEARCH, LTD.

ROUTE 2, BOX 180-C  
PINNACLE, NC 27043  
PHONE (910) 325-2318

### CERTIFICATE OF ANALYSIS

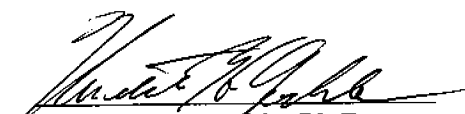
NC Cert. # 480

January 4, 1996

Client: Salem Environmental  
Project: Ed Daniels Store

EPA 5030/M8015 TPH-GC; Gasoline

Client Sample	Lab Sample	TPH(5030)
L-1-3'	9600004	< 10 ppm
L-2-3'	9600005	< 10
L-3-3'	9600006	< 10

  
Kenneth H. Goehle, Ph.D.

## Page of

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Route 2 Box 180-C

**Pinnacle, NC 27043**

**Telephone (910) 325-2318**

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## CANARY - REPORT

**WHITE - ORIGINAL**